Anti-Human IL 12/23 (Briakinumab) - PE

IVMB0508

Product Information

Product SKU:	IVMB0508	**Clone**:	ABT-874	**Target**:	IL-12/IL-23 p40
Size:	50 µg			**Isotype**:	Human IgG1λ

Additional Information

Reactivity:	Human	**Host Species**:	Human
Antibody Type:	Biosimilar Recombinant Human Monoclonal Antibody	**Expression Host**:	HEK-293 Cells

Immunogen Information

Background: Briakinumab is a human monoclonal antibody targets the p40 subunit shared by interleukins 12 and 23. IL-12 associates with IL-23α to form the heterodimeric cytokine IL-23. IL-23 is associated with various autoimmune inflammatory diseases, and is particularly highly expressed in psoriasis skin lesions. In addition, IL-23 is suspected to play a role in tumorigenesis. Briakinumab binds to and neutralizes human IL-12 and IL-23 (via their shared p40 subunit) and is being investigated for the treatment of rheumatoid arthritis, inflammatory bowel disease, and multiple sclerosis. Anti-Human IL 12/23 (Briakinumab) utilizes the same variable regions from the therapeutic antibody Briakinumab making it ideal for research projects.

Product Concentration: 0.2 mg/ml

Applications: FA

Synonyms: IL-12p40; Interleukin 12; Interleukin 23; IL12; IL23; IL-12; IL-23

Antigen Distribution: IL-12 is produced by dendritic cells, macrophages, neutrophils, and human B-lymphoblastoid cells. IL-23 is mainly secreted by activated dendritic cells, macrophages or monocytes.

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Immunogen:	This antibody was produced by phage display technology.
Formulation:	This R-phycoerythrin (R-PE) conjugate is formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.4, 1% BSA and 0.09% sodium azide as a preservative.
Specificity:	This non-therapeutic biosimilar antibody uses the same variable region sequence as the therapeutic antibody Briakinumab. Briakinumab recognizes both human IL12 and IL23 via IL-12/23p40. This product is for research use only.
Pathogen Testing:	-
Storage & Handling:	This R-phycoerythrin (R-PE) conjugate is stable when stored at 2-8°C.Do not freeze.

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